

## ABSTRACT OF THE DISCLOSURE

A generator of at least one pulse width modulated signal, including: a generator of a sawtooth signal a generator of high and low reference signals defining, based on a set-point signal, a linear range of each ramp of the sawtooth signal at least one element of comparison of the sawtooth signal with each of the reference signals and at least one element of logic combination of the comparison results, providing the pulse width modulated signal.

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